

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20060048710"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/16 09:26
S2	2	("5903711" "5904872").pn.	US-PGPUB; USPAT	OR	ON	2007/06/15 18:39
S3	3	(takahiro near2 hiroguchi). in. (ryo near2 kuwajima).in.	US-PGPUB; USPAT	OR	ON	2007/06/16 16:42
S4	5	("5290381" "5460684" "5618350" "5906684" "6264788").PN. OR ("6432208").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/15 18:57
S5	9	("6143081" "5903711" "5965047" "5651827" "6301434" "5862302" "6455814" "6399922").pn. "20020186062"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 14:14
S6	2220	118/725.cds. 156/345.52. cds.	US-PGPUB; USPAT	OR	ON	2007/06/16 09:27
S7	2220	S6 and 2ad< "20020924"	US-PGPUB; USPAT	OR	ON	2007/06/16 09:27
S8	1615	S6 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2007/06/16 11:36
S9	403	S8 and (quartz near4 (case jar hood body tube cylind \$6))	US-PGPUB; USPAT	OR	ON	2007/06/16 16:23
S10	38	S8 and ((quartz near4 (case jar hood body tube cylind \$6)) same reflect\$3)	US-PGPUB; USPAT	OR	ON	2007/06/16 10:12
S11	12	("4550245" "5062386" "5155336" "5264038" "5399523" "5660472").PN. OR ("6035100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 10:12
S12	2	S11 and ((quartz near4 (case jar hood body tube cylind\$6)) same reflect\$3)	US-PGPUB; USPAT	OR	ON	2007/06/16 10:13
S13	5	S11 and (quartz near4 (case jar hood body tube cylind\$6))	US-PGPUB; USPAT	OR	ON	2007/06/16 10:13

S14	46	S8 and ((quartz near4 (case jar hood body tube cylind \$6)) same (transparent clear))	US-PGPUB; USPAT	OR	ON	2007/06/16 11:00
S15	36	S14 not S10	US-PGPUB; USPAT	OR	ON	2007/06/16 11:20
S16	5	(sato near2 Ryoze).in.	US-PGPUB; USPAT	OR	ON	2007/06/16 11:21
S17	0	(suzuki near2 shinpei).in.	US-PGPUB; USPAT	OR	ON	2007/06/16 11:22
S18	43	(okase near2 wataru).in.	US-PGPUB; USPAT	OR	ON	2007/06/16 15:19
S19	28	S18 and quartz	US-PGPUB; USPAT	OR	ON	2007/06/16 11:23
S20	10	S18 and (quartz near3 (transparent clear))	US-PGPUB; USPAT	OR	ON	2007/06/16 11:37
S21	18	S19 not S20	US-PGPUB; USPAT	OR	ON	2007/06/16 11:36
S22	131	(kaneko near2 yutaka).in.	US-PGPUB; USPAT	OR	ON	2007/06/16 11:36
S23	118	S22 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2007/06/16 14:17
S24	0	S23 and (quartz near3 (transparent clear))	US-PGPUB; USPAT	OR	ON	2007/06/16 11:37
S25	1	S23 and quartz	US-PGPUB; USPAT	OR	ON	2007/06/16 11:37
S26	38	S8 and (quartz same (ultraviolet or UV or (ultra adj violet)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:14
S27	9	("6143081" "5903711" "5965047" "5651827" "6301434" "5862302" "6455814" "6399922").pn. "20020186062"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 14:15
S28	1	S27 and (quartz same (ultraviolet or UV or (ultra adj violet)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:15
S29	38	S8 and (quartz same (ultraviolet or UV or (ultra adj violet)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:16
S30	191	"219"/\$.cds.and (quartz same (ultraviolet or UV or (ultra adj violet)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:17
S31	191	"219"/\$.cds. and (quartz same (ultraviolet or UV or (ultra adj violet)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:21
S32	137	S31 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2007/06/16 14:21

S33	31	"219"/\$.ccls. and (quartz same heat\$3 same (ultraviolet or UV or (ultra adj violet)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:42
S34	27	S33 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2007/06/16 14:49
S35	0	"219"/\$.ccls. and (quartz same heat\$3 same ((ultraviolet or UV or (ultra adj violet)) near6 (adjust\$7 control\$3)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:45
S36	1	S8 and (quartz same heat\$3 same ((ultraviolet or UV or (ultra adj violet)) near6 (adjust\$7 control\$3)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:46
S37	1	((156/345.\$2 118/715-733). ccls. and (quartz same heat \$3 same ((ultraviolet or UV or (ultra adj violet)) near6 (adjust\$7 control\$3)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:47
S38	3	((156/345.\$2 118/715-733). ccls. and (quartz same ((ultraviolet or UV or (ultra adj violet)) near6 (adjust\$7 control\$3)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:48
S39	70	((156/345.\$2 118/715-733). ccls. and ((ultraviolet or UV or (ultra adj violet)) near6 (adjust\$7 control\$3)))	US-PGPUB; USPAT	OR	ON	2007/06/16 14:48
S40	57	S39 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2007/06/16 14:49
S41	201	S8 and ((quartz near4 (case shroud jar hood body tube cylind\$6)) same (support\$3 strength\$5 hold\$3))	US-PGPUB; USPAT	OR	ON	2007/06/16 15:41
S42	28	S8 and ((quartz near4 (case shroud jar hood body tube cylind\$6)) same ((support \$3 strength\$5 hold\$3) near3 (bar rod rib member)))	US-PGPUB; USPAT	OR	ON	2007/06/16 15:42
S43	956	(quartz near4 (case jar hood body tube cylind\$6)) and (UV ultraviolet or (ultra adj violet))	EPO; JPO; DERWENT	OR	ON	2007/06/16 16:24
S44	26	((substrate wafer) near3 heat\$3) and (quartz near4 (case jar hood body tube cylind\$6)) and (UV ultraviolet or (ultra adj violet))	EPO; JPO; DERWENT	OR	ON	2007/06/16 16:42

S45	3720	((tokyo near2 electron).as.	US-PGPUB; USPAT	OR	ON	2007/06/16 16:42
S46	28	S45 and (((substrate wafer near3 heat\$3) and (quartz near4 (case jar hood body tube cylind\$6)) and (UV ultraviolet or (ultra adj violet)))	US-PGPUB; USPAT	OR	ON	2007/06/16 16:43
S47	2	S45 and (((substrate wafer near3 heat\$3) and (quartz near4 (case jar hood body tube cylind\$6)) and (UV ultraviolet or (ultra adj violet))).dm.	US-PGPUB; USPAT	OR	ON	2007/06/16 16:44
S48	2	S45 and (((substrate wafer near3 heat\$3) and (quartz and (UV ultraviolet or (ultra adj violet))))).dm.	US-PGPUB; USPAT	OR	ON	2007/06/16 16:44
S49	2273	118/725.cds. 156/345.52. cds.	US-PGPUB; USPAT	OR	ON	2008/02/06 12:27
S50	1619	S49 and @ad<"20020924"	US-PGPUB; USPAT	OR	ON	2008/02/06 12:27
S51	143	S50 and (susceptor with (wafer substrate) with (gap space\$2))	US-PGPUB; USPAT	OR	ON	2008/02/06 12:28
S52	59	S50 and (susceptor same (transparent near5 quartz))	US-PGPUB; USPAT	OR	ON	2008/02/06 12:54
S53	44	S50 and ((susceptor with (wafer substrate) with (gap space\$2)) and (transparent near4 quartz))	US-PGPUB; USPAT	OR	ON	2008/02/06 12:57
S54	9	("6143081" "5903711" "5965047" "5651827" "6301434" "5862302" "6455814" "6399922").pn. "20020185062"	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/06 15:33
S55	22	((US-20020162630-\$ or US- 20020134511-\$).did. or (US- 6740196-\$ or US-6600138- \$ or US-6444940-\$ or US- 6080965-\$ or US-6072162- \$ or US-6035100-\$ or US- 5868850-\$ or US-5862302- \$ or US-6198074-\$ or US- 4920918-\$ or US-6301434- \$ or US-5651827-\$ or US- 6399922-\$ or US-5884009- \$ or US-6402848-\$ or US- 4977855-\$ or US-6036482- \$ or US-6264788-\$ or US- 6902623-\$ or US-6001175- \$).did.	US-PGPUB; USPAT	OR	ON	2008/02/06 18:00

S56	22	(US-20020162630-\$ or US-20020134511-\$).did. or (US-6740196-\$ or US-6600138-\$ or US-6444940-\$ or US-6080965-\$ or US-6072162-\$ or US-6035100-\$ or US-5868850-\$ or US-5862302-\$ or US-6198074-\$ or US-4920918-\$ or US-6301434-\$ or US-5651827-\$ or US-6399922-\$ or US-5884009-\$ or US-6402848-\$ or US-4977855-\$ or US-6036482-\$ or US-6264788-\$ or US-6902623-\$ or US-6001175-\$).did.	US-PGPUB; USPAT	OR	ON	2008/02/06 18:01
S57	22	(US-20020162630-\$ or US-20020134511-\$).did. or (US-6740196-\$ or US-6600138-\$ or US-6444940-\$ or US-6080965-\$ or US-6072162-\$ or US-6035100-\$ or US-5868850-\$ or US-5862302-\$ or US-6198074-\$ or US-4920918-\$ or US-6301434-\$ or US-5651827-\$ or US-6399922-\$ or US-5884009-\$ or US-6402848-\$ or US-4977855-\$ or US-6036482-\$ or US-6264788-\$ or US-6902623-\$ or US-6001175-\$).did.	US-PGPUB; USPAT	OR	ON	2008/02/06 18:02
S58	11	S57 and arm\$2	US-PGPUB; USPAT	OR	ON	2008/02/06 18:03
S59	1	"6001175".pn.	US-PGPUB; USPAT	OR	ON	2008/02/06 22:41
S60	2273	118/725.cds. 156/345.52.cds.	US-PGPUB; USPAT	OR	ON	2008/02/06 22:46
S61	1619	S60 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2008/02/06 22:46
S62	17	S61 and ((susceptor with (wafer substrate) with (gap space\$2)) and (quartz near7 (case box jar)))	US-PGPUB; USPAT	OR	ON	2008/02/06 22:46
S63	101	S61 and ((susceptor with (wafer substrate) with (gap space\$2)) and quartz)	US-PGPUB; USPAT	OR	ON	2008/02/06 22:53
S64	84	S63 not S62	US-PGPUB; USPAT	OR	ON	2008/02/06 22:54

S65	22	(US-20020162630-\$ or US-20020134511-\$).did. or (US-6740196-\$ or US-6600138-\$ or US-6444940-\$ or US-6080965-\$ or US-6072162-\$ or US-6035100-\$ or US-5868850-\$ or US-5862302-\$ or US-6198074-\$ or US-4920918-\$ or US-6301434-\$ or US-5651827-\$ or US-6399922-\$ or US-5884009-\$ or US-6402848-\$ or US-4977855-\$ or US-6036482-\$ or US-6264788-\$ or US-6902623-\$ or US-6001175-\$).did.	US-PGPUB; USPAT	OR	ON	2008/02/06 23:24
S66	22	(US-20020162630-\$ or US-20020134511-\$).did. or (US-6740196-\$ or US-6600138-\$ or US-6444940-\$ or US-6080965-\$ or US-6072162-\$ or US-6035100-\$ or US-5868850-\$ or US-5862302-\$ or US-6198074-\$ or US-4920918-\$ or US-6301434-\$ or US-5651827-\$ or US-6399922-\$ or US-5884009-\$ or US-6402848-\$ or US-4977855-\$ or US-6036482-\$ or US-6264788-\$ or US-6902623-\$ or US-6001175-\$).did.	US-PGPUB; USPAT	OR	ON	2008/02/06 23:24
S67	11	S66 and (arm\$2 claw\$2)	US-PGPUB; USPAT	OR	ON	2008/02/06 23:24
S68	11	S66 and (spider arm\$2 claw \$2)	US-PGPUB; USPAT	OR	ON	2008/02/06 23:35
S69	225	S61 and ((spider arm\$2 claw \$2) and quartz)	US-PGPUB; USPAT	OR	ON	2008/02/06 23:36
S70	103	S61 and ((spider arm\$2 claw \$2) and susceptor and quartz)	US-PGPUB; USPAT	OR	ON	2008/02/06 23:37
S71	101	S61 and ((spider arms claws) and susceptor and quartz)	US-PGPUB; USPAT	OR	ON	2008/02/06 23:38
S72	4841	118/715.cds. 118/724.cds.	US-PGPUB; USPAT	OR	ON	2008/02/07 11:02
S73	3040	S72 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2008/02/07 11:02
S74	316	S73 and ((spider arm\$2 claw \$2) and quartz)	US-PGPUB; USPAT	OR	ON	2008/02/07 11:03

S75	838	S73 and ((spider arm\$2 claw \$2) and quartz and susceptor)	US-PGPUB; USPAT	OR	ON	2008/02/07 11:04
S76	125	S73 and ((spider arm\$2 claw \$2) and quartz and susceptor)	US-PGPUB; USPAT	OR	ON	2008/02/07 11:05
S77	2131	(susceptor near8 (gap clearance boss\$3 space\$2 separat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 12:09
S78	1244	S77 and @ad< "20020924"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 12:12
S79	248	S78 and (118/725 156/345.52).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 12:14
S80	310	S78 and "219"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:18
S81	310	S80 and @ad< "20020924"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:18
S82	259	S81 not S79	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:19
S83	406	(WAFERS\$2 SEMI CONDUCTOR) AND (susceptor near8 (gap clearance boss\$3 space\$2 separat\$4))	EPO; JPO; DERWENT	OR	ON	2008/12/02 15:39
S84	314	S83 and @ad< "20020924"	EPO; JPO; DERWENT	OR	ON	2008/12/02 15:39
S85	41	((US-20020134511-\$ or US-20010054390-\$ or US-20010054387-\$ or US-20020011216-\$ or US-20020137334-\$).did. or (US-6740196-\$ or US-6600138-\$ or US-6444940-\$ or US-6080965-\$ or US-6072162-\$ or US-6035100-\$ or US-5868850-\$ or US-5862302-\$ or US-6198074-\$ or US-4920918-\$ or US-6301434-\$ or US-5651827-\$ or US-6399922-\$ or US-5884009-\$ or US-6402848-\$ or US-4977855-\$ or US-6036482-\$ or US-6264788-\$ or US-6902623-\$ or US-6001175-\$ or US-6869485-\$ or US-6113984-\$ or US-5653808-\$ or US-6143079-\$ or US-6063196-\$ or US-3623712-\$).did. or (US-5063031-\$ or US-5077875-\$ or US-5275629-\$ or US-5855675-\$ or US-5882419-\$ or US-5938850-\$ or US-6656838-	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/12/02 18:25

		\$).did. or (JP-03038029-\$). did. or (JP-09153485-\$ or JP-2000133698-\$).did.				
S86	19	S85 and (spider arm\$2)	US-PGPUB; USPAT	OR	OFF	2008/12/02 18:25
S87	16	S86 and quartz	US-PGPUB; USPAT	OR	OFF	2008/12/02 18:26
S88	2	S85 and ((spider arm\$2) near8 quartz)	US-PGPUB; USPAT	OR	OFF	2008/12/02 18:28
S89	154	susceptor and ((spider arm \$2) near8 quartz)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:31
S90	91	S89 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2008/12/02 18:32
S91	12	S90 and (118/715-733 156/345.\$2).ccls.	US-PGPUB; USPAT	OR	ON	2008/12/02 18:32
S92	9	S85 and (reflect\$4 near8 quartz)	US-PGPUB; USPAT	OR	OFF	2008/12/02 19:36
S93	2362	(118/725.ccls. 156/345.52. ccls.)	US-PGPUB; USPAT	OR	ON	2008/12/02 19:38
S94	87	S93 and (reflect\$4 near8 quartz)	US-PGPUB; USPAT	OR	OFF	2008/12/02 19:38
S95	67	S94 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2008/12/02 19:38
S96	137	S93 and (susceptor near8 (spacers bosses protru\$5 extending))	US-PGPUB; USPAT	OR	OFF	2008/12/02 20:39
S97	116	S96 and @ad< "20020924"	US-PGPUB; USPAT	OR	ON	2008/12/02 20:39
S98	1	"09030893"	JPO	OR	OFF	2009/08/20 08:36
S99	1	"20060048710"	US-PGPUB	OR	OFF	2009/08/20 09:00
S100	1	S99 and (susceptor near7 (top adj plate))	US-PGPUB	OR	OFF	2009/08/20 09:01
S101	1	"5164012".pn.	US-PGPUB; USPAT	OR	OFF	2009/08/20 09:55
S102	1	"6315833".pn.	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:00
S103	281	"219"/\$.ccls. and (quartz near6 (box case container))	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:13
S104	901	"219"/\$.ccls. and ((quartz transparent) near6 (box case container))	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:14
S105	676	"219"/\$.ccls. and ((quartz transparent) near6 (box case container)) and (susceptor plate element)	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:14

S106	885	"219"/\$.ccls. and ((quartz transparent) near6 (box case container)) and (susceptor or (heat\$4 near \$3 (plate element)))	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:15
S107	201	"219"/\$.ccls. and ((quartz transparent) near6 (box case container)) and (susceptor or (heat\$4 near \$3 (plate element))) and (spider arm\$2 leg\$2)	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:16
S108	153	S107 and @ad< "20030922"	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:17
S109	61	((118/715,725.ccls. 156/345.52,345.53.ccls.) and ((quartz transparent) near6 (box case container)) and (susceptor or (heat\$4 near\$3 (plate element))) and (spider arm\$2 leg\$2)	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:50
S110	37	S109 and @ad< "20030922"	US-PGPUB; USPAT	OR	OFF	2009/08/20 10:50
S111	52	((118/715,725.ccls. 156/345.52,345.53.ccls.) and ((quartz transparent) near6 (box case container)) and ((susceptor or (heat\$4 near\$3 (plate element))) with (gap clearance spaced))	US-PGPUB; USPAT	OR	OFF	2009/08/20 11:09
S112	32	S111 and @ad< "20030922"	US-PGPUB; USPAT	OR	OFF	2009/08/20 11:09
S113	815	((118/715,725.ccls. 156/345.52,345.53.ccls.) and (quartz transparent) and ((susceptor or heater or (heat\$4 near\$3 (plate element member))) with (gap clearance spaced))	US-PGPUB; USPAT	OR	OFF	2009/08/20 11:20
S114	303	((118/715,725.ccls. 156/345.52,345.53.ccls.) and (quartz transparent) and ((susceptor or heater or (heat\$4 near\$3 (plate element member))) with (gap clearance spaced)) and (tripod spider leg\$2 arm \$2)	US-PGPUB; USPAT	OR	OFF	2009/08/20 11:20
S115	237	S114 and @ad< "20030922"	US-PGPUB; USPAT	OR	OFF	2009/08/20 11:20
S116	226	S115 not S112	US-PGPUB; USPAT	OR	OFF	2009/08/20 11:21

S117	226	S116 not S108	US-PGPUB; USPAT	OR	OFF	2009/08/20 11:21
S118	7217	(wafer\$2 semiconductor\$2) and (quartz transparent) and ((susceptor or heater or (heat\$4 near\$3 (plate element member))) with (gap clearance spaced)) and (tripod spider leg\$2 arm \$2)	US-PGPUB; USPAT	OR	OFF	2009/08/20 12:54
S119	5	(wafer\$2 semiconductor\$2) and (quartz transparent) and ((susceptor or heater or (heat\$4 near\$3 (plate element member))) with (gap clearance spaced)) and (tripod spider leg\$2 arm \$2)	EPO; JPO; DERWENT	OR	OFF	2009/08/20 12:55
S120	625	S113 and @ad< "20030922"	US-PGPUB; USPAT	OR	OFF	2009/08/20 12:56
S121	622	S120 not S108	US-PGPUB; USPAT	OR	OFF	2009/08/20 12:58

3/ 21/ 2010 8:07:13 PM

H:\Workspaces\ Plas_heat_10529191.wsp